Technical sheet :

MBL-X 920 92P ST2

Manitou is committed to bringing value to its backhoe loaders by incorporating advanced and robust features for multi-application capabilities. MBL X 920 is powered by Tier -II/III engine. The structure of MBL X 920 is durable and designed for intensive operations. It comes with the latest cabin design and unbreakable bonnet which promises to deliver higher up-time and require low maintenance, even after prolonged usage. Customers get quick returns on their investments on top of an optimum Total Cost of Ownership. It comes with an option of features such as AC, multipurpose bucket.





	MBL-X 320 32P 312 Greated On 10 May 2024 at 3.33.101		
Capacities	Metric		
Wheelbase 2 wheels drive	2185 mm		
Wheelbase 4 wheels drive	2130 mm		
Weight and dimensions			
Unladen weight	7620 kg		
Unladen weight with 4 WD	7620 kg		
Unladen weight with 4 WD 7 in 1	7908 kg		
Unladen weight 4WD - Side shift	7620 kg		
Overall length	l1 7330 mm		
Overall width	b1 2330 mm		
Overall width with stabilizers extended - Center mount only	3910 mm		
Cabin height	h6 2830 mm		
Height of cab with air conditioning (option)	h6** 2860 mm		
Overall height	h17 3790 mm		
External turning radius over tyres (braked)	Wa1 3850 mm		
External turning radius over tyres (unbraked)	Wa1 4200 mm		
External turning radius over bucket (braked)	Wa5 5550 mm		
External turning radius over bucket (unbraked)	Wa5 5700 mm		
Standard tires front / rear	12.5 x 18 - 12 PR / 16.9 x 28-12PR		
Optional tyre (front / rear)	9 x 16 - 16 PR / 14 x 25 - 20 PR		
Ground clearance	m4 280 mm		
Performances			
Travel speed forward 1st / 2nd	5.40 km/h / 8.60 km/h		
Travel speed forward 3rd / 4th	19.90 km/h / 40 km/h		
Engine			
Engine brand	Perkins		
Engine model	1104C 44T Turbo Charged Water Cooled Ti	er-II	
Max. capacity	4.40		
Gross Power / Power	68.50 kW @ 2200 rpm		
Max. torque	395 Nm		
Battery voltage / capacity	12 V / 75 Ah		
Transmission			
Transmission brand		Carraro	
Number of gears (forward / reverse)		4 / 4	
Torque converter stall ratio	3.01:1		
Service brake	Wet disc brakes		
Hydraulics			
Hydraulic flow	142 l/min		
Main relief pressure	225 bar		
Tank capacities			
Hydraulic oil	90 I		
Liquid cooling tank volume	16 l		
Fuel tank	145		
Transmission oil	17.50 l		
Engine oil	9.10		
Oil rear axle	17.50		
Bucket			
Backhoe standard capacity	0.24 m³		
Width backhoe bucket	892 mm		
Loader standard capacity	1 m ³		
Width loader bucket	2235 mm		
Miscellaneous			
Power steering	Yes		
Front steer axle of oscillation	2 °		
Steering wheels (front / rear)	2/2		

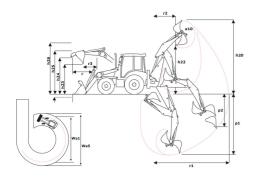
Performance backhoe

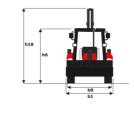
p1 - Max dig depth (mm)	
r1 - Max reach ground level to slew center (mm)	
r2 - Max loading reach (mm)	
Max operating height (mm)	
Max loading height (mm)	
p2 - Max straight wall dig depth (mm)	
a10 - Max bucket rotation (°)	
Total side shift (mm)	
Dipper tearout (kgF)	
Bucket tearout (kgF)	
Hydraulic lift capacity (kg)	

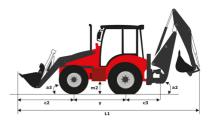
Performance loader

Max dump angle (°)
h26 - Max operating height (loader version) (mm)
h23 - Max dump height at 45° (mm)
h24 - Max loadover height (mm)
h25 - Max hinge pin height (mm)
r3 - Max reach at full height 45° (mm)
p3 - Below ground dig depth (mm)
a13 - Rollback at ground (°)
Shovel breakout (kgf)
Arms breakout (kgF)
Lifting capacity at full height (kg)

MBL-X 920 92P ST2 - Dimensional drawing









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